

Los Angeles County Public Works Construction Division BID SUMMARY (sorted by Unit Price Total)

Project Name: Mulholland Highway Over Triunfo Creek Bridge 1180 On-System (2018WOOLSEYFIRE)

Project ID: RDC0016378
Bids Opened: 11/26/2019

Office Engineer: Chandra McLoud 626-458-3165

				Engine	eer's Estimate	(1) Reyes Con	struction, Inc.	(2) GMZ Eng	ineering, Inc.	(3) JILK Heavy	Construction, Inc.	(4) Granite	Construction Company
(1) Pre	eliminary Bid Amount					\$	5,916,450.80	\$4	4,274,068.50	\$4	4,495,114.15	\$4	1,597,565.34
(2) Un	it Price Detail												
<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Unit</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF \$3,000)	1	\$3,000.00	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF \$500/ MONTH)	9	\$500.00	MTH	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00
3	CONSTRUCTION SCHEDULE (AS-BUILT) (STIPULATED UNIT PRICE OF \$1,000)	1	\$1,000.00	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
4	IMPLEMENTATION OF BMPS	1	\$45,000.00	LS	\$45,000.00	\$61,000.00	\$61,000.00	\$35,000.00	\$35,000.00	\$16,500.00	\$16,500.00	\$20,000.00	\$20,000.00
5	PREPARATION OF DEWATERING PLAN (STIPULATED UNIT PRICE OF \$2,000)	1	\$2,000.00	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
6	IMPLEMENTATION OF DEWATERING PLAN	1	\$20,000.00	LS	\$20,000.00	\$37,400.00	\$37,400.00	\$35,000.00	\$35,000.00	\$25,000.00	\$25,000.00	\$85,000.00	\$85,000.00
7	TEMPORARY SHORING	1	\$100,000.00	LS	\$100,000.00	\$133,000.00	\$133,000.00	\$45,000.00	\$45,000.00	\$85,200.00	\$85,200.00	\$80,000.00	\$80,000.00
8	SHORING OF OPEN EXCAVATIONS	1	\$40,000.00	LS	\$40,000.00	\$4,300.00	\$4,300.00	\$35,000.00	\$35,000.00	\$5,750.00	\$5,750.00	\$15,000.00	\$15,000.00
9	PREPARATION OF DEBRIS CONTAINMENT AND COLLECTION PLAN (STIPULATED UNIT PRICE OF \$3,000)	1	\$3,000.00	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00

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10	IMPLEMENTATION OF DEBRIS CONTAINMENT AND COLLECTION PLAN	1	\$20,000.00	LS	\$20,000.00	\$11,700.00	\$11,700.00	\$35,000.00	\$35,000.00	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00
11	MOBILIZATION	1	\$500,000.00	LS	\$500,000.00	\$500,000.00	\$500,000.00	\$175,000.00	\$175,000.00	\$395,000.00	\$395,000.00	\$292,779.00	\$292,779.00
12	BRIDGE REMOVAL (PORTION)	1	\$35,000.00	LS	\$35,000.00	\$43,600.00	\$43,600.00	\$35,000.00	\$35,000.00	\$74,670.00	\$74,670.00	\$2,000.00	\$2,000.00
13	REMOVE HEADWALL RAILING	30	\$50.00	LF	\$1,500.00	\$12.00	\$360.00	\$20.00	\$600.00	\$90.00	\$2,700.00	\$1,500.00	\$45,000.00
14	REMOVE EXISTING BOLLARD	3	\$10.00	EA	\$30.00	\$460.00	\$1,380.00	\$100.00	\$300.00	\$695.00	\$2,085.00	\$500.00	\$1,500.00
15	REMOVE RURAL CATCH BASIN	1	\$1,000.00	EA	\$1,000.00	\$2,600.00	\$2,600.00	\$500.00	\$500.00	\$5,925.00	\$5,925.00	\$1,500.00	\$1,500.00
16	REMOVE DELINEATORS (FLEXIBLE POST)	20	\$30.00	EA	\$600.00	\$80.00	\$1,600.00	\$50.00	\$1,000.00	\$29.00	\$580.00	\$500.00	\$10,000.00
17	REMOVE EXISTING CHAIN LINK FENCE	16	\$100.00	LF	\$1,600.00	\$60.00	\$960.00	\$15.00	\$240.00	\$32.50	\$520.00	\$500.00	\$8,000.00
18	CONCRETE REMOVAL (NON- REINFORCED)	38	\$200.00	CY	\$7,600.00	\$200.00	\$7,600.00	\$100.00	\$3,800.00	\$120.00	\$4,560.00	\$500.00	\$19,000.00
19	CONCRETE REMOVAL (REINFORCED)	2	\$300.00	CY	\$600.00	\$710.00	\$1,420.00	\$100.00	\$200.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00
20	UNCLASSIFIED EXCAVATION	1248	\$120.00	CY	\$149,760.00	\$120.00	\$149,760.00	\$50.00	\$62,400.00	\$87.00	\$108,576.00	\$123.00	\$153,504.00
21	STRUCTURE EXCAVATION (BRIDGE)	224	\$150.00	CY	\$33,600.00	\$84.00	\$18,816.00	\$50.00	\$11,200.00	\$110.00	\$24,640.00	\$44.00	\$9,856.00
22	STRUCTURE EXCAVATION (RETAINING WALL)	122	\$120.00	CY	\$14,640.00	\$230.00	\$28,060.00	\$50.00	\$6,100.00	\$129.00	\$15,738.00	\$44.00	\$5,368.00
23	PERVIOUS BACKFILL	19	\$200.00	CY	\$3,800.00	\$490.00	\$9,310.00	\$50.00	\$950.00	\$360.00	\$6,840.00	\$142.00	\$2,698.00
24	STRUCTURE BACKFILL (BRIDGE)	54	\$350.00	CY	\$18,900.00	\$225.00	\$12,150.00	\$50.00	\$2,700.00	\$275.00	\$14,850.00	\$155.00	\$8,370.00
25	STRUCTÚRE BACKFILL (RETAINING WALL)	116	\$280.00	CY	\$32,480.00	\$210.00	\$24,360.00	\$50.00	\$5,800.00	\$189.00	\$21,924.00	\$155.00	\$17,980.00
26	CRUSHED MISCELLANEOUS BASE	774	\$100.00	CY	\$77,400.00	\$120.00	\$92,880.00	\$50.00	\$38,700.00	\$124.00	\$95,976.00	\$88.00	\$68,112.00
27	AC PAVEMENT	1549	\$250.00	TON	\$387,250.00	\$164.00	\$254,036.00	\$100.00	\$154,900.00	\$142.00	\$219,958.00	\$160.00	\$247,840.00

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28	AC PAVEMENT(INVERTED	7	\$325.00	TON	\$2,275.00	\$490.00	\$3,430.00	\$2,500.00	\$17,500.00	\$520.00	\$3,640.00	\$1,300.00	\$9,100.00
	SHOULDERS)												
29	AC PAVEMENT (DITCH)	18	\$250.00	TON	\$4,500.00	\$730.00	\$13,140.00	\$1,000.00	\$18,000.00	\$534.00	\$9,612.00	\$1,300.00	\$23,400.00
30	RECONSTRUCT MANHOLE	1	\$5,000.00	EA	\$5,000.00	\$1,450.00	\$1,450.00	\$7,500.00	\$7,500.00	\$7,290.00	\$7,290.00	\$7,800.00	\$7,800.00
31	STEEL TRUSS BRIDGE		\$1,900,000.00	LS	\$1,900,000.00	\$0.00	\$0.00	\$1,900,000.00	\$1,900,000.00	\$1,763,000.00	\$1,763,000.00	\$1,775,780.00	\$1,775,780.00
32	STRUCTURE CONCRETE (DECK)	124	\$1,300.00	CY	\$161,200.00	\$618.00	\$76,632.00	\$600.00	\$74,400.00	\$585.00	\$72,540.00	\$1,100.00	\$136,400.00
33	STRUCTURE CONCRETE (BRIDGE)	108	\$1,600.00	CY	\$172,800.00	\$1,397.00	\$150,876.00	\$600.00	\$64,800.00	\$1,652.00	\$178,416.00	\$1,100.00	\$118,800.00
34	STRUCTURE CONCRETE (RETAINING WALL)	41	\$1,400.00	CY	\$57,400.00	\$1,736.00	\$71,176.00	\$1,000.00	\$41,000.00	\$1,652.00	\$67,732.00	\$1,800.00	\$73,800.00
35	BAR REINFORCING STEEL (DECK)	33480	\$2.30	LB	\$77,004.00	\$1.25	\$41,850.00	\$2.50	\$83,700.00	\$1.55	\$51,894.00	\$1.26	\$42,184.80
36	BAR REINFORCING STEEL (BRIDGE)	73149	\$1.90	LB	\$138,983.10	\$1.20	\$87,778.80	\$2.50	\$182,872.50	\$1.15	\$84,121.35	\$0.86	\$62,908.14
37	BAR REINFORCING STEEL (RETAINING WALL)	10980	\$2.10	LB	\$23,058.00	\$1.30	\$14,274.00	\$2.50	\$27,450.00	\$1.26	\$13,834.80	\$0.93	\$10,211.40
38	CONCRETE BARRIER (TYPE 742 MODIFIED)	40	\$350.00	LF	\$14,000.00	\$560.00	\$22,400.00	\$350.00	\$14,000.00	\$750.00	\$30,000.00	\$333.00	\$13,320.00
39	AESTHETIC TREATMENT FOR CONCRETE BARRIER	40	\$170.00	LF	\$6,800.00	\$275.00	\$11,000.00	\$200.00	\$8,000.00	\$225.00	\$9,000.00	\$375.00	\$15,000.00
40	RURAL CATCH BASIN	2	\$10,000.00	EA	\$20,000.00	\$8,600.00	\$17,200.00	\$5,000.00	\$10,000.00	\$6,500.00	\$13,000.00	\$11,000.00	\$22,000.00
41	CATCH BASIN PER STD PLAN 300, W=3.5	1	\$5,000.00	EA	\$5,000.00	\$7,300.00	\$7,300.00	\$5,000.00	\$5,000.00	\$9,600.00	\$9,600.00	\$15,000.00	\$15,000.00
42	PIPE CONNECTION PER STD PLAN 335, CASE 3	1	\$3,000.00	EA	\$3,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$3,675.00	\$3,675.00	\$8,500.00	\$8,500.00
43	JUNCTION STRUCTURE PER STD PLAN 331	1	\$5,000.00	EA	\$5,000.00	\$2,000.00	\$2,000.00	\$7,500.00	\$7,500.00	\$9,775.00	\$9,775.00	\$7,500.00	\$7,500.00
44	MANHOLE PER STD PLAN 320	2	\$10,000.00	EA	\$20,000.00	\$10,900.00	\$21,800.00	\$7,500.00	\$15,000.00	\$6,100.00	\$12,200.00	\$20,000.00	\$40,000.00
45	CURB DRAIN PER STD PLAN 150, N=1, CASE 2 INLET	1	\$2,000.00	EA	\$2,000.00	\$8,900.00	\$8,900.00	\$1,500.00	\$1,500.00	\$9,160.00	\$9,160.00	\$5,000.00	\$5,000.00

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46	HEADWALL AND WINGWALLS (CALTRANS STD PLAN D86B)	4	\$2,000.00	CY	\$8,000.00	\$4,900.00	\$19,600.00	\$1,000.00	\$4,000.00	\$4,230.00	\$16,920.00	\$5,000.00	\$20,000.00
47	PCC CURB & GUTTER, TYPE A2-8	143	\$50.00	LF	\$7,150.00	\$60.00	\$8,580.00	\$50.00	\$7,150.00	\$72.00	\$10,296.00	\$115.00	\$16,445.00
48	-	0	\$1.00	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
49	PCC WALK & DRIVEWAYS, 4" THICK	1150	\$8.00	SF	\$9,200.00	\$10.00	\$11,500.00	\$10.00	\$11,500.00	\$12.50	\$14,375.00	\$14.00	\$16,100.00
50	PCC CURB RAMPS	4	\$500.00	CY	\$2,000.00	\$1,310.00	\$5,240.00	\$600.00	\$2,400.00	\$4,250.00	\$17,000.00	\$1,100.00	\$4,400.00
51	PCC WALK & DRIVEWAYS, 6" THICK	168	\$12.00	SF	\$2,016.00	\$18.00	\$3,024.00	\$12.00	\$2,016.00	\$22.00	\$3,696.00	\$20.00	\$3,360.00
52	DETECTABLE WARNING SURFACE	30	\$55.00	SF	\$1,650.00	\$40.00	\$1,200.00	\$50.00	\$1,500.00	\$136.00	\$4,080.00	\$120.00	\$3,600.00
53	TUBULAR HAND RAILING (CALTRANS STD PLAN B11-51)	40	\$110.00	LF	\$4,400.00	\$303.00	\$12,120.00	\$300.00	\$12,000.00	\$310.00	\$12,400.00	\$299.00	\$11,960.00
54	CABLE RAILING (CALTRANS STD PLAN B11-47)	50	\$70.00	LF	\$3,500.00	\$200.00	\$10,000.00	\$100.00	\$5,000.00	\$149.80	\$7,490.00	\$90.00	\$4,500.00
55	RAILING	75	\$150.00	LF	\$11,250.00	\$240.00	\$18,000.00	\$350.00	\$26,250.00	\$232.00	\$17,400.00	\$330.00	\$24,750.00
56	CHAIN LINK FENCE, 6' HIGH	13	\$100.00	LF	\$1,300.00	\$404.00	\$5,252.00	\$100.00	\$1,300.00	\$410.00	\$5,330.00	\$96.00	\$1,248.00
57	REMOVE AND DISPOSE OF EXISTING GUARDRAIL (INCLUDING POSTS)	151	\$40.00	LF	\$6,040.00	\$45.00	\$6,795.00	\$20.00	\$3,020.00	\$44.00	\$6,644.00	\$22.00	\$3,322.00
58	MIDWEST GUARDRAIL SYSTEM (STEEL POST W/ PLASTIC BLOCK)	175	\$100.00	LF	\$17,500.00	\$89.00	\$15,575.00	\$70.00	\$12,250.00	\$88.00	\$15,400.00	\$74.00	\$12,950.00
59	IN-LINE TERMINAL SYSTEM (TYPE MSKT-SP-MGS)	4	\$7,000.00	EA	\$28,000.00	\$7,050.00	\$28,200.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00	\$5,100.00	\$20,400.00
60	RAILING DELINEATION PER CALTRANS STD PLAN A77N4	12	\$100.00	EA	\$1,200.00	\$35.00	\$420.00	\$25.00	\$300.00	\$35.00	\$420.00	\$24.00	\$288.00
61	MIDWEST GUARDRAIL SYSTEM END ANCHOR ASSEMBLY (TYPE SFT) PER STD PLAN A77S1	1	\$2,000.00	EA	\$2,000.00	\$1,270.00	\$1,270.00	\$2,000.00	\$2,000.00	\$1,400.00	\$1,400.00	\$2,210.00	\$2,210.00

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62	TRANSITION RAILING (TYPE WB)	1	\$5,000.00	EA	\$5,000.00	\$8,030.00	\$8,030.00	\$6,000.00	\$6,000.00	\$5,500.00	\$5,500.00	\$6,400.00	\$6,400.00
63	CRASH CUSHION SYSTEM	2	\$57,000.00	EA	\$114,000.00	\$52,400.00	\$104,800.00	\$20,000.00	\$40,000.00	\$38,850.00	\$77,700.00	\$21,400.00	\$42,800.00
64	42" DIA CIDH PILES	340	\$1,600.00	LF	\$544,000.00	\$2,170.00	\$737,800.00	\$2,250.00	\$765,000.00	\$1,372.00	\$466,480.00	\$1,800.00	\$612,000.00
65	18" RCP, 2000 D	124	\$300.00	LF	\$37,200.00	\$300.00	\$37,200.00	\$150.00	\$18,600.00	\$240.00	\$29,760.00	\$250.00	\$31,000.00
66	42" RCP, 1600 D	89	\$500.00	LF	\$44,500.00	\$715.00	\$63,635.00	\$200.00	\$17,800.00	\$755.00	\$67,195.00	\$340.00	\$30,260.00
67	DETAIL 22 (THERMOPLASTIC)	850	\$3.00	LF	\$2,550.00	\$3.00	\$2,550.00	\$5.00	\$4,250.00	\$4.38	\$3,723.00	\$2.50	\$2,125.00
68	DETAIL 41 (THERMOPLASTIC)	40	\$2.50	LF	\$100.00	\$6.00	\$240.00	\$5.00	\$200.00	\$22.00	\$880.00	\$5.00	\$200.00
69	DETAIL 27B (THERMOPLASTIC)	1060	\$2.00	LF	\$2,120.00	\$2.00	\$2,120.00	\$5.00	\$5,300.00	\$3.00	\$3,180.00	\$1.50	\$1,590.00
70	6" WHITE CHEVRON STRIPING (THERMOPLASTIC)	360	\$3.00	LF	\$1,080.00	\$3.00	\$1,080.00	\$10.00	\$3,600.00	\$4.00	\$1,440.00	\$2.00	\$720.00
71	12" STRIPING (THERMOPLASTIC)	40	\$3.50	LF	\$140.00	\$10.00	\$400.00	\$5.00	\$200.00	\$24.50	\$980.00	\$7.50	\$300.00
72	PAVEMENT MARKINGS (THERMOPLASTIC)	194	\$10.00	SF	\$1,940.00	\$9.00	\$1,746.00	\$5.00	\$970.00	\$12.00	\$2,328.00	\$7.50	\$1,455.00
73	REMOVE DETAIL 22 (THERMOPLASTIC)	610	\$3.50	LF	\$2,135.00	\$4.00	\$2,440.00	\$5.00	\$3,050.00	\$4.50	\$2,745.00	\$3.00	\$1,830.00
74	REMOVE DETAIL 38 (THERMOPLASTIC)	60	\$3.00	LF	\$180.00	\$4.00	\$240.00	\$5.00	\$300.00	\$15.00	\$900.00	\$3.00	\$180.00
75	REMOVE DETAIL 41 (THERMOPLASTIC)	55	\$3.00	LF	\$165.00	\$4.00	\$220.00	\$5.00	\$275.00	\$15.00	\$825.00	\$3.00	\$165.00
76	REMOVE DETAIL 27B (THERMOPLASTIC)	550	\$2.75	LF	\$1,512.50	\$4.00	\$2,200.00	\$5.00	\$2,750.00	\$4.60	\$2,530.00	\$3.00	\$1,650.00
77	REMOVE 12" WHITE LINE (THERMOPLASTIC)	100	\$3.50	LF	\$350.00	\$4.00	\$400.00	\$5.00	\$500.00	\$5.50	\$550.00	\$3.00	\$300.00
78	REMOVE PAVEMENT MARKINGS (THERMOPLASTIC)	660	\$7.00	SF	\$4,620.00	\$5.00	\$3,300.00	\$5.00	\$3,300.00	\$5.25	\$3,465.00	\$3.75	\$2,475.00
79	SIGN POST (ROADSIDE SIGN)	6	\$225.00	EA	\$1,350.00	\$320.00	\$1,920.00	\$250.00	\$1,500.00	\$500.00	\$3,000.00	\$250.00	\$1,500.00

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Bids Opened: 11/26/2019 Office Engineer: Chandra McLoud 626-458-3165

				Engin	eer's Estimate	(1) Reyes Cor	struction, Inc.	(2) GMZ En	gineering, Inc.	(3) JILK Heavy	Construction, Inc.	(4) Granite	Construction Company
(1) Pro	eliminary Bid Amount					Ş	\$5,916,450.80	;	\$4,274,068.50	\$	64,495,114.15	\$	4,597,565.34
(2) Un	it Price Detail												
<u>Item</u>	<u>Description</u>	<u>Qty</u>	Unit Price	<u>Unit</u>	<u>Amount</u>	Unit Price	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>
80	SIGN PANEL	17	\$150.00	EA	\$2,550.00	\$190.00	\$3,230.00	\$125.00	\$2,125.00	\$250.00	\$4,250.00	\$150.00	\$2,550.00
81	RELOCATE SIGN	3	\$150.00	EA	\$450.00	\$195.00	\$585.00	\$150.00	\$450.00	\$390.00	\$1,170.00	\$150.00	\$450.00
82	REMOVE SIGN	52	\$100.00	EA	\$5,200.00	\$45.00	\$2,340.00	\$50.00	\$2,600.00	\$65.00	\$3,380.00	\$35.00	\$1,820.00
83	TRAFFIC CONTROL	1	\$150,000.00	LS	\$150,000.00	\$271,000.00	\$271,000.00	\$35,000.00	\$35,000.00	\$32,600.00	\$32,600.00	\$98,551.00	\$98,551.00
84	TEMPORARY CRASH CUSHION ARRAY	2	\$10,000.00	EA	\$20,000.00	\$8,300.00	\$16,600.00	\$500.00	\$1,000.00	\$5,000.00	\$10,000.00	\$7,500.00	\$15,000.00
85	TEMPORARY RAILING (TYPE K)	200	\$75.00	LF	\$15,000.00	\$68.00	\$13,600.00	\$100.00	\$20,000.00	\$106.50	\$21,300.00	\$125.00	\$25,000.00
86	CHANGEABLE MESSAGE SIGN	5	\$5,000.00	EA	\$25,000.00	\$12,500.00	\$62,500.00	\$2,500.00	\$12,500.00	\$11,300.00	\$56,500.00	\$4,300.00	\$21,500.00
87	AC DIKE PER CALTRANS STD A87B	100	\$10.00	LF	\$1,000.00	\$47.00	\$4,700.00	\$100.00	\$10,000.00	\$54.00	\$5,400.00	\$125.00	\$12,500.00
88	PRECAST DRAINAGE INLET PER CALTRANS STD PLAN D73B	1	\$5,000.00	EA	\$5,000.00	\$7,700.00	\$7,700.00	\$7,500.00	\$7,500.00	\$14,500.00	\$14,500.00	\$12,000.00	\$12,000.00
89	WATER QUALITY MONITORING STATION (ALLOWANCE OF \$20,000)	20000	\$1.00	AL	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
Unit P	rice Total			(\$5,234,628.60	Ç	\$3,482,350.80	;	\$4,274,068.50	\$	64,495,114.15	\$	4,597,565.34
(3) LS	BE/DVBE/SE Preference Amount						\$0.00		\$0.00		\$0.00		\$0.00
(4) LS	BE/DVBE/SE Adjusted Amount					Ş	3,482,350.80		\$4,274,068.50	9	64,495,114.15	\$	4,597,565.34
Comm						NON F	RESPONSIVE	NON I	RESPONSIVE	NON F	RESPONSIVE	APPARENT L	OW BIDDER

Public Works LOS ANGELES COUNTY

Los Angeles County Public Works Construction Division BID SUMMARY (sorted by Unit Price Total)

Project Name: Mulholland Highway Over Triunfo Creek Bridge 1180 On-System (2018WOOLSEYFIRE)

Project ID: RDC0016378 Bids Opened: 11/26/2019

Office Engineer: Chandra McLoud 626-458-3165

				Engine	eer's Estimate	(5) Leonida	Builders, Inc.	((6) MMC, Inc.	` '	Construction Company, Inc.	(8) Bosco Con	structors, Inc.
(1) Pr	eliminary Bid Amount					\$	4,810,889.00	\$	4,894,433.00	\$	5,202,000.00	\$	\$5,304,574.11
(2) Ur	it Price Detail												
<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Unit</u>	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF \$3,000)	1	\$3,000.00	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF \$500/ MONTH)	9	\$500.00	MTH	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00
3	CONSTRUCTION SCHEDULE (AS-BUILT) (STIPULATED UNIT PRICE OF \$1,000)	1	\$1,000.00	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
4	IMPLEMENTATION OF BMPS	1	\$45,000.00	LS	\$45,000.00	\$75,000.00	\$75,000.00	\$20,000.00	\$20,000.00	\$100,000.00	\$100,000.00	\$261,875.00	\$261,875.00
5	PREPARATION OF DEWATERING PLAN (STIPULATED UNIT PRICE OF \$2,000)	1	\$2,000.00	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
6	IMPLEMENTATION OF DEWATERING PLAN	1	\$20,000.00	LS	\$20,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$45.00	\$45.00
7	TEMPORARY SHORING	1	\$100,000.00	LS	\$100,000.00	\$25,000.00	\$25,000.00	\$85,000.00	\$85,000.00	\$180,000.00	\$180,000.00	\$51.69	\$51.69
8	SHORING OF OPEN EXCAVATIONS	1	\$40,000.00	LS	\$40,000.00	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$6,000.00	\$6,000.00	\$133,290.00	\$133,290.00
9	PREPARATION OF DEBRIS CONTAINMENT AND COLLECTION PLAN (STIPULATED UNIT PRICE OF \$3,000)	1	\$3,000.00	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00

Project ID: RDC0016378

Bids Opened: 11/26/2019

Bids Opened: 11/26/2019 Office Engineer: Chandra McLoud 626-458-3165

				Engine	eer's Estimate	(5) Leonida	Builders, Inc.		(6) MMC, Inc.		Construction Company, Inc.	(8) Bosco Con	structors, Inc.
(1) Pro	eliminary Bid Amount					\$	4,810,889.00	\$	\$4,894,433.00	\$	5,202,000.00	\$	\$5,304,574.11
(2) Un	it Price Detail												
<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Unit</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>
10	IMPLEMENTATION OF DEBRIS CONTAINMENT AND COLLECTION PLAN	1	\$20,000.00	LS	\$20,000.00	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$159,550.00	\$159,550.00
11	MOBILIZATION	1	\$500,000.00	LS	\$500,000.00	\$120,000.00	\$120,000.00	\$200,000.00	\$200,000.00	\$500,000.00	\$500,000.00	\$491,200.00	\$491,200.00
12	BRIDGE REMOVAL (PORTION)	1	\$35,000.00	LS	\$35,000.00	\$95,000.00	\$95,000.00	\$100,000.00	\$100,000.00	\$50,000.00	\$50,000.00	\$54,340.00	\$54,340.00
13	REMOVE HEADWALL RAILING	30	\$50.00	LF	\$1,500.00	\$400.00	\$12,000.00	\$500.00	\$15,000.00	\$30.00	\$900.00	\$28.00	\$840.00
14	REMOVE EXISTING BOLLARD	3	\$10.00	EA	\$30.00	\$3,250.00	\$9,750.00	\$500.00	\$1,500.00	\$100.00	\$300.00	\$1,420.00	\$4,260.00
15	REMOVE RURAL CATCH BASIN	1	\$1,000.00	EA	\$1,000.00	\$13,000.00	\$13,000.00	\$2,500.00	\$2,500.00	\$1,600.00	\$1,600.00	\$4,260.00	\$4,260.00
16	REMOVE DELINEATORS (FLEXIBLE POST)	20	\$30.00	EA	\$600.00	\$420.00	\$8,400.00	\$100.00	\$2,000.00	\$25.00	\$500.00	\$57.50	\$1,150.00
17	REMOVE EXISTING CHAIN LINK FENCE	16	\$100.00	LF	\$1,600.00	\$200.00	\$3,200.00	\$100.00	\$1,600.00	\$70.00	\$1,120.00	\$16.88	\$270.08
18	CONCRETE REMOVAL (NON-REINFORCED)	38	\$200.00	CY	\$7,600.00	\$225.00	\$8,550.00	\$150.00	\$5,700.00	\$195.00	\$7,410.00	\$76.10	\$2,891.80
19	CONCRETE REMOVAL (REINFORCED)	2	\$300.00	CY	\$600.00	\$1,300.00	\$2,600.00	\$500.00	\$1,000.00	\$800.00	\$1,600.00	\$1,446.25	\$2,892.50
20	UNCLASSIFIED EXCAVATION	1248	\$120.00	CY	\$149,760.00	\$40.00	\$49,920.00	\$40.00	\$49,920.00	\$120.00	\$149,760.00	\$135.50	\$169,104.00
21	STRUCTURE EXCAVATION (BRIDGE)	224	\$150.00	CY	\$33,600.00	\$250.00	\$56,000.00	\$60.00	\$13,440.00	\$195.00	\$43,680.00	\$169.44	\$37,954.56
22	STRUCTURE EXCAVATION (RETAINING WALL)	122	\$120.00	CY	\$14,640.00	\$340.00	\$41,480.00	\$60.00	\$7,320.00	\$95.00	\$11,590.00	\$169.44	\$20,671.68
23	PERVIOUS BACKFILL	19	\$200.00	CY	\$3,800.00	\$450.00	\$8,550.00	\$100.00	\$1,900.00	\$230.00	\$4,370.00	\$583.40	\$11,084.60
24	STRUCTURE BACKFILL (BRIDGE)	54	\$350.00	CY	\$18,900.00	\$420.00	\$22,680.00	\$150.00	\$8,100.00	\$750.00	\$40,500.00	\$260.11	\$14,045.94
25	STRUCTURE BACKFILL (RETAINING WALL)	116	\$280.00	CY	\$32,480.00	\$400.00	\$46,400.00	\$150.00	\$17,400.00	\$65.00	\$7,540.00	\$250.44	\$29,051.04
26	CRUSHED MISCELLANEOUS BASE	774	\$100.00	CY	\$77,400.00	\$80.00	\$61,920.00	\$50.00	\$38,700.00	\$90.00	\$69,660.00	\$229.59	\$177,702.66
27	AC PAVEMENT	1549	\$250.00	TON	\$387,250.00	\$145.00	\$224,605.00	\$165.00	\$255,585.00	\$155.00	\$240,095.00	\$437.50	\$677,687.50

Project ID: RDC0016378

Bids Opened: 11/26/2019

Bids Opened: 11/26/2019 Office Engineer: Chandra McLoud 626-458-3165

				Engin	eer's Estimate	(5) Leonida	Builders, Inc.		(6) MMC, Inc.		k Construction Company, Inc.	(8) Bosco Con	structors, Inc.
(1) Pre	eliminary Bid Amount					;	\$4,810,889.00		\$4,894,433.00	;	\$5,202,000.00	Ş	\$5,304,574.11
(2) Un	it Price Detail												
<u>ltem</u>	<u>Description</u>	<u>Qty</u>	Unit Price	<u>Unit</u>	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>
28	AC PAVEMENT(INVERTED SHOULDERS)	7	\$325.00	TON	\$2,275.00	\$600.00	\$4,200.00	\$850.00	\$5,950.00	\$1,900.00	\$13,300.00	\$437.50	\$3,062.50
29	AC PAVEMENT (DITCH)	18	\$250.00	TON	\$4,500.00	\$600.00	\$10,800.00	\$850.00	\$15,300.00	\$1,100.00	\$19,800.00	\$437.50	\$7,875.00
30	RECONSTRUCT MANHOLE	1	\$5,000.00	EA	\$5,000.00	\$9,500.00	\$9,500.00	\$10,000.00	\$10,000.00	\$1,100.00	\$1,100.00	\$3,789.69	\$3,789.69
31	STEEL TRUSS BRIDGE	1	\$1,900,000.00	LS	\$1,900,000.00	\$1,900,000.00	\$1,900,000.00	\$1,798,000.00	\$1,798,000.00	\$1,842,000.00	\$1,842,000.00	\$1,579,190.00	\$1,579,190.00
32	STRUCTURE CONCRETE (DECK)	124	\$1,300.00	CY	\$161,200.00	\$475.00	\$58,900.00	\$1,500.00	\$186,000.00	\$770.00	\$95,480.00	\$481.86	\$59,750.64
33	STRUCTURE CONCRETE (BRIDGE)	108	\$1,600.00	CY	\$172,800.00	\$625.00	\$67,500.00	\$1,500.00	\$162,000.00	\$1,010.00	\$109,080.00	\$430.86	\$46,532.88
34	STRUCTURE CONCRETE (RETAINING WALL)	41	\$1,400.00	CY	\$57,400.00	\$725.00	\$29,725.00	\$1,700.00	\$69,700.00	\$1,230.00	\$50,430.00	\$1,401.84	\$57,475.44
35	BAR REINFORCING STEEL (DECK)	33480	\$2.30	LB	\$77,004.00	\$8.00	\$267,840.00	\$2.50	\$83,700.00	\$1.25	\$41,850.00	\$1.97	\$65,955.60
36	BAR REINFORCING STEEL (BRIDGE)	73149	\$1.90	LB	\$138,983.10	\$5.00	\$365,745.00	\$2.00	\$146,298.00	\$1.25	\$91,436.25	\$1.40	\$102,408.60
37	BAR REINFORCING STEEL (RETAINING WALL)	10980	\$2.10	LB	\$23,058.00	\$8.00	\$87,840.00	\$2.50	\$27,450.00	\$1.25	\$13,725.00	\$0.93	\$10,211.40
38	CONCRETE BARRIER (TYPE 742 MODIFIED)	40	\$350.00	LF	\$14,000.00	\$225.00	\$9,000.00	\$1,000.00	\$40,000.00	\$770.00	\$30,800.00	\$1,338.09	\$53,523.60
39	AESTHETIC TREATMENT FOR CONCRETE BARRIER	40	\$170.00	LF	\$6,800.00	\$1,000.00	\$40,000.00	\$250.00	\$10,000.00	\$225.00	\$9,000.00	\$375.00	\$15,000.00
40	RURAL CATCH BASIN	2	\$10,000.00	EA	\$20,000.00	\$18,000.00	\$36,000.00	\$15,000.00	\$30,000.00	\$8,200.00	\$16,400.00	\$4,997.23	\$9,994.46
41	CATCH BASIN PER STD PLAN 300, W=3.5	1	\$5,000.00	EA	\$5,000.00	\$16,000.00	\$16,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$3,305.98	\$3,305.98
42	PIPE CONNECTION PER STD PLAN 335, CASE 3	1	\$3,000.00	EA	\$3,000.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$2,950.00	\$2,950.00	\$2,800.98	\$2,800.98
43	JUNCTION STRUCTURE PER STD PLAN 331	1	\$5,000.00	EA	\$5,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$6,200.00	\$6,200.00	\$3,578.48	\$3,578.48
44	MANHOLE PER STD PLAN 320	2	\$10,000.00	EA	\$20,000.00	\$12,000.00	\$24,000.00	\$15,000.00	\$30,000.00	\$20,200.00	\$40,400.00	\$6,552.23	\$13,104.46
45	CURB DRAIN PER STD PLAN 150, N=1, CASE 2 INLET	1	\$2,000.00	EA	\$2,000.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$4,250.00	\$4,250.00	\$4,860.98	\$4,860.98

Project ID: RDC0016378

Bids Opened: 11/26/2019

Bids Opened: 11/26/2019 Office Engineer: Chandra McLoud 626-458-3165

				Engine	eer's Estimate	(5) Leonida	Builders, Inc.		(6) MMC, Inc.	(7) Shimmick C	Construction ompany, Inc.	(8) Bosco Cons	structors, Inc.
(1) Pro	eliminary Bid Amount					\$	4,810,889.00	9	\$4,894,433.00	\$	5,202,000.00	\$	5,304,574.11
(2) Un	it Price Detail												
<u>Item</u>	<u>Description</u>	<u>Qty</u>	Unit Price	<u>Unit</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>
46	HEADWALL AND WINGWALLS (CALTRANS STD PLAN D86B)	4	\$2,000.00	CY	\$8,000.00	\$3,000.00	\$12,000.00	\$5,000.00	\$20,000.00	\$6,650.00	\$26,600.00	\$5,978.17	\$23,912.68
47	PCC CURB & GUTTER, TYPE A2-8	143	\$50.00	LF	\$7,150.00	\$49.00	\$7,007.00	\$150.00	\$21,450.00	\$60.00	\$8,580.00	\$100.48	\$14,368.64
48	-	0	\$1.00	LF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
49	PCC WALK & DRIVEWAYS, 4" THICK	1150	\$8.00	SF	\$9,200.00	\$14.00	\$16,100.00	\$15.00	\$17,250.00	\$12.00	\$13,800.00	\$13.28	\$15,272.00
50	PCC CURB RAMPS	4	\$500.00	CY	\$2,000.00	\$1,600.00	\$6,400.00	\$1,500.00	\$6,000.00	\$1,000.00	\$4,000.00	\$3,014.98	\$12,059.92
51	PCC WALK & DRIVEWAYS, 6" THICK	168	\$12.00	SF	\$2,016.00	\$29.00	\$4,872.00	\$25.00	\$4,200.00	\$30.00	\$5,040.00	\$33.99	\$5,710.32
52	DETECTABLE WARNING SURFACE	30	\$55.00	SF	\$1,650.00	\$65.00	\$1,950.00	\$100.00	\$3,000.00	\$75.00	\$2,250.00	\$137.73	\$4,131.90
53	TUBULAR HAND RAILING (CALTRANS STD PLAN B11-51)	40	\$110.00	LF	\$4,400.00	\$180.00	\$7,200.00	\$250.00	\$10,000.00	\$315.00	\$12,600.00	\$373.75	\$14,950.00
54	CABLE RAILING (CALTRANS STD PLAN B11-47)	50	\$70.00	LF	\$3,500.00	\$450.00	\$22,500.00	\$500.00	\$25,000.00	\$180.00	\$9,000.00	\$111.79	\$5,589.50
55	RAILING	75	\$150.00	LF	\$11,250.00	\$185.00	\$13,875.00	\$200.00	\$15,000.00	\$230.00	\$17,250.00	\$411.61	\$30,870.75
56	CHAIN LINK FENCE, 6' HIGH	13	\$100.00	LF	\$1,300.00	\$300.00	\$3,900.00	\$300.00	\$3,900.00	\$315.00	\$4,095.00	\$119.30	\$1,550.90
57	REMOVE AND DISPOSE OF EXISTING GUARDRAIL (INCLUDING POSTS)	151	\$40.00	LF	\$6,040.00	\$275.00	\$41,525.00	\$40.00	\$6,040.00	\$45.00	\$6,795.00	\$26.76	\$4,040.76
58	MIDWEST GUARDRAIL SYSTEM (STEEL POST W/ PLASTIC BLOCK)	175	\$100.00	LF	\$17,500.00	\$650.00	\$113,750.00	\$100.00	\$17,500.00	\$70.00	\$12,250.00	\$84.28	\$14,749.00
59	IN-LINE TERMINAL SYSTEM (TYPE MSKT-SP-MGS)	4	\$7,000.00	EA	\$28,000.00	\$2,500.00	\$10,000.00	\$5,000.00	\$20,000.00	\$6,600.00	\$26,400.00	\$6,293.76	\$25,175.04
60	RAILING DELINEATION PER CALTRANS STD PLAN A77N4	12	\$100.00	EA	\$1,200.00	\$1,200.00	\$14,400.00	\$1,000.00	\$12,000.00	\$30.00	\$360.00	\$29.25	\$351.00
61	MIDWEST GUARDRAIL SYSTEM END ANCHOR ASSEMBLY (TYPE SFT) PER STD PLAN A77S1	1	\$2,000.00	EA	\$2,000.00	\$8,500.00	\$8,500.00	\$20,000.00	\$20,000.00	\$1,200.00	\$1,200.00	\$2,754.26	\$2,754.26

Project ID: RDC0016378
Bids Opened: 11/26/2019

Bids Opened: 11/26/2019 Office Engineer: Chandra McLoud 626-458-3165

				Engine	eer's Estimate	. ,	Builders, Inc.		(6) MMC, Inc.	`´ C	Construction Company, Inc.	(8) Bosco Con	·
(1) Pro	eliminary Bid Amount					\$	4,810,889.00	\$	\$4,894,433.00	\$	5,202,000.00	\$	5,304,574.11
(2) Un	it Price Detail												
<u>Item</u>	<u>Description</u>	<u>Qty</u>	Unit Price	<u>Unit</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>
62	TRANSITION RAILING (TYPE WB)	1	\$5,000.00	EA	\$5,000.00	\$8,000.00	\$8,000.00	\$19,000.00	\$19,000.00	\$7,150.00	\$7,150.00	\$7,305.43	\$7,305.43
63	CRASH CUSHION SYSTEM	2	\$57,000.00	EA	\$114,000.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$46,000.00	\$92,000.00	\$24,422.11	\$48,844.22
64	42" DIA CIDH PILES	340	\$1,600.00	LF	\$544,000.00	\$750.00	\$255,000.00	\$1,900.00	\$646,000.00	\$2,000.00	\$680,000.00	\$1,019.06	\$346,480.40
65	18" RCP, 2000 D	124	\$300.00	LF	\$37,200.00	\$325.00	\$40,300.00	\$500.00	\$62,000.00	\$210.00	\$26,040.00	\$250.00	\$31,000.00
66	42" RCP, 1600 D	89	\$500.00	LF	\$44,500.00	\$650.00	\$57,850.00	\$1,000.00	\$89,000.00	\$285.00	\$25,365.00	\$375.00	\$33,375.00
67	DETAIL 22 (THERMOPLASTIC)	850	\$3.00	LF	\$2,550.00	\$4.00	\$3,400.00	\$6.00	\$5,100.00	\$3.50	\$2,975.00	\$3.13	\$2,660.50
68	DETAIL 41 (THERMOPLASTIC)	40	\$2.50	LF	\$100.00	\$10.00	\$400.00	\$10.00	\$400.00	\$8.00	\$320.00	\$6.25	\$250.00
69	DETAIL 27B (THERMOPLASTIC)	1060	\$2.00	LF	\$2,120.00	\$2.00	\$2,120.00	\$4.00	\$4,240.00	\$2.00	\$2,120.00	\$1.88	\$1,992.80
70	6" WHITE CHEVRON STRIPING (THERMOPLASTIC)	360	\$3.00	LF	\$1,080.00	\$4.00	\$1,440.00	\$4.00	\$1,440.00	\$9.00	\$3,240.00	\$2.50	\$900.00
71	12" STRIPING (THERMOPLASTIC)	40	\$3.50	LF	\$140.00	\$10.00	\$400.00	\$10.00	\$400.00	\$18.00	\$720.00	\$9.38	\$375.20
72	PAVEMENT MARKINGS (THERMOPLASTIC)	194	\$10.00	SF	\$1,940.00	\$10.00	\$1,940.00	\$20.00	\$3,880.00	\$15.00	\$2,910.00	\$9.38	\$1,819.72
73	REMOVE DETAIL 22 (THERMOPLASTIC)	610	\$3.50	LF	\$2,135.00	\$5.00	\$3,050.00	\$7.00	\$4,270.00	\$2.00	\$1,220.00	\$3.75	\$2,287.50
74	REMOVE DETAIL 38 (THERMOPLASTIC)	60	\$3.00	LF	\$180.00	\$5.00	\$300.00	\$7.00	\$420.00	\$5.00	\$300.00	\$3.75	\$225.00
75	REMOVE DETAIL 41 (THERMOPLASTIC)	55	\$3.00	LF	\$165.00	\$5.00	\$275.00	\$7.00	\$385.00	\$6.00	\$330.00	\$3.75	\$206.25
76	REMOVE DETAIL 27B (THERMOPLASTIC)	550	\$2.75	LF	\$1,512.50	\$5.00	\$2,750.00	\$7.00	\$3,850.00	\$1.50	\$825.00	\$3.75	\$2,062.50
77	REMOVE 12" WHITE LINE (THERMOPLASTIC)	100	\$3.50	LF	\$350.00	\$18.00	\$1,800.00	\$7.00	\$700.00	\$5.00	\$500.00	\$3.75	\$375.00
78	REMOVE PAVEMENT MARKINGS (THERMOPLASTIC)	660	\$7.00	SF	\$4,620.00	\$8.00	\$5,280.00	\$7.00	\$4,620.00	\$3.50	\$2,310.00	\$4.69	\$3,095.40
79	SIGN POST (ROADSIDE SIGN)	6	\$225.00	EA	\$1,350.00	\$450.00	\$2,700.00	\$750.00	\$4,500.00	\$650.00	\$3,900.00	\$312.50	\$1,875.00

Project ID: RDC0016378
Bids Opened: 11/26/2019

Office Engineer: Chandra McLoud 626-458-3165

				Engine	eer's Estimate	(5) Leonida	a Builders, Inc.		(6) MMC, Inc.	` '	Construction Company, Inc.	(8) Bosco Coi	nstructors, Inc.
(1) Pre	eliminary Bid Amount						\$4,810,889.00		\$4,894,433.00	\$	5,202,000.00		\$5,304,574.11
(2) Un	it Price Detail												
<u>ltem</u>	<u>Description</u>	<u>Qty</u>	Unit Price	<u>Unit</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>
80	SIGN PANEL	17	\$150.00	EA	\$2,550.00	\$200.00	\$3,400.00	\$400.00	\$6,800.00	\$250.00	\$4,250.00	\$187.50	\$3,187.50
81	RELOCATE SIGN	3	\$150.00	EA	\$450.00	\$600.00	\$1,800.00	\$375.00	\$1,125.00	\$450.00	\$1,350.00	\$187.50	\$562.50
82	REMOVE SIGN	52	\$100.00	EA	\$5,200.00	\$300.00	\$15,600.00	\$2,000.00	\$104,000.00	\$35.00	\$1,820.00	\$43.75	\$2,275.00
83	TRAFFIC CONTROL	1	\$150,000.00	LS	\$150,000.00	\$30,000.00	\$30,000.00	\$80,000.00	\$80,000.00	\$200,000.00	\$200,000.00	\$151,562.50	\$151,562.50
84	TEMPORARY CRASH CUSHION ARRAY	2	\$10,000.00	EA	\$20,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$14,000.00	\$28,000.00	\$1,875.00	\$3,750.00
85	TEMPORARY RAILING (TYPE K)	200	\$75.00	LF	\$15,000.00	\$100.00	\$20,000.00	\$200.00	\$40,000.00	\$50.00	\$10,000.00	\$100.00	\$20,000.00
86	CHANGEABLE MESSAGE SIGN	5	\$5,000.00	EA	\$25,000.00	\$10,000.00	\$50,000.00	\$8,000.00	\$40,000.00	\$12,000.00	\$60,000.00	\$24,375.00	\$121,875.00
87	AC DIKE PER CALTRANS STD A87B	100	\$10.00	LF	\$1,000.00	\$35.00	\$3,500.00	\$100.00	\$10,000.00	\$165.00	\$16,500.00	\$79.26	\$7,926.00
88	PRECAST DRAINAGE INLET PER CALTRANS STD PLAN D73B	1	\$5,000.00	EA	\$5,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$6,808.75	\$6,808.75	\$2,500.00	\$2,500.00
89	WATER QUALITY MONITORING STATION (ALLOWANCE OF \$20,000)	20000	\$1.00	AL	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
Unit P	rice Total			(\$5,234,628.60		\$4,810,889.00		\$4,988,033.00	\$	5,202,000.00		\$5,304,393.83
(3) LS	BE/DVBE/SE Preference Amount						\$0.00		\$0.00		\$0.00		\$0.00
(4) LS	BE/DVBE/SE Adjusted Amount						\$4,810,889.00		\$4,988,033.00	\$	5,202,000.00		\$5,304,393.83
Comm	•								RESPONSIVE				



Los Angeles County Public Works Construction Division BID SUMMARY (sorted by Unit Price Total)

Project Name: Mulholland Highway Over Triunfo Creek Bridge 1180 On-System (2018WOOLSEYFIRE)

Project ID: RDC0016378
Bids Opened: 11/26/2019

Office Engineer: Chandra McLoud 626-458-3165

Duration: 270 Day(s)

Addenda: 1

				Engine	er's Estimate	(9) C. A. Rasmussen, Inc.		(10) Griffith Company					
(1) Preliminary Bid Amount					\$	5,307,240.10	\$	6,327,374.30					
(2) Un	t Price Detail												
<u>Item</u>	<u>Description</u>	<u>Qty</u>	Unit Price	<u>Unit</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	Unit Price	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	Unit Price	<u>Amount</u>
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF \$3,000)	1	\$3,000.00	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00				
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF \$500/MONTH)	9	\$500.00	MTH	\$4,500.00	\$500.00	\$4,500.00	\$500.00	\$4,500.00				
3	CONSTRUCTION SCHEDULE (AS-BUILT) (STIPULATED UNIT PRICE OF \$1,000)	1	\$1,000.00	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00				
4	IMPLEMENTATION OF BMPS	1	\$45,000.00	LS	\$45,000.00	\$20,000.00	\$20,000.00	\$86,400.00	\$86,400.00				
5	PREPARATION OF DEWATERING PLAN (STIPULATED UNIT PRICE OF \$2,000)	1	\$2,000.00	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00				
6	IMPLEMENTATION OF DEWATERING PLAN	1	\$20,000.00	LS	\$20,000.00	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00				
7	TEMPORARY SHORING	1	\$100,000.00	LS	\$100,000.00	\$110,000.00	\$110,000.00	\$59,300.00	\$59,300.00				
8	SHORING OF OPEN EXCAVATIONS	1	\$40,000.00	LS	\$40,000.00	\$1,800.00	\$1,800.00	\$3,530.00	\$3,530.00				
9	PREPARATION OF DEBRIS CONTAINMENT AND COLLECTION PLAN (STIPULATED UNIT PRICE OF \$3,000)	1	\$3,000.00	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00				

Project ID: RDC0016378

Bids Opened: 11/26/2019

Bids Opened: 11/26/2019 Office Engineer: Chandra McLoud 626-458-3165

				Engin	eer's Estimate	(9) C. A. Ra	smussen, Inc.	(10) Gr	iffith Company				
(1) Preliminary Bid Amount					\$5,307,240.10		\$6,327,374.30						
(2) Unit Price Detail													
<u>Ìtem</u>	<u>Description</u>	<u>Qty</u>	Unit Price	<u>Unit</u>	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>
10	IMPLEMENTATION OF DEBRIS	1	\$20,000.00	LS	\$20,000.00	\$30,000.00	\$30,000.00	\$125,000.00	\$125,000.00				
	CONTAINMENT AND												
	COLLECTION PLAN												
11	MOBILIZATION	1	\$500,000.00	LS	\$500,000.00	\$500,000.00	\$500,000.00	\$600,000.00	\$600,000.00				
12	BRIDGE REMOVAL (PORTION)	1	\$35,000.00	LS	\$35,000.00	\$75,000.00	\$75,000.00	\$59,900.00	\$59,900.00				
13	REMOVE HEADWALL RAILING	30	\$50.00	LF	\$1,500.00	\$22.00	\$660.00	\$129.00	\$3,870.00				
14	REMOVE EXISTING BOLLARD	3	\$10.00	EA	\$30.00	\$220.00	\$660.00	\$476.00	\$1,428.00				
15	REMOVE RURAL CATCH BASIN	1	\$1,000.00	EA	\$1,000.00	\$1,500.00	\$1,500.00	\$4,490.00	\$4,490.00				
16	REMOVE DELINEATORS	20	\$30.00	EA	\$600.00	\$10.00	\$200.00	\$106.00	\$2,120.00				
	(FLEXIBLE POST)												
17	REMOVE EXISTING CHAIN	16	\$100.00	LF	\$1,600.00	\$14.00	\$224.00	\$54.00	\$864.00				
	LINK FENCE		*****		4= 000 00	40-70-00	00.700.00	2017.00	0.40.0.40.00				
18	CONCRETE REMOVAL (NON- REINFORCED)	38	\$200.00	CY	\$7,600.00	\$250.00	\$9,500.00	\$317.00	\$12,046.00				
19	CONCRETE REMOVAL	2	\$300.00	CY	\$600.00	\$600.00	\$1,200.00	\$1,423.00	\$2,846.00				
	(REINFORCED)												
20	UNCLASSIFIED EXCAVATION	1248	\$120.00	CY	\$149,760.00	\$120.00	\$149,760.00	\$164.00	\$204,672.00				
21	STRUCTURE EXCAVATION (BRIDGE)	224	\$150.00	CY	\$33,600.00	\$59.00	\$13,216.00	\$129.00	\$28,896.00				
22	STRUCTURE EXCAVATION	122	\$120.00	CY	\$14,640.00	\$150.00	\$18,300.00	\$142.00	\$17,324.00				
	(RETAINING WALL)												
23	PERVIOUS BACKFILL	19	\$200.00	CY	\$3,800.00	\$170.00	\$3,230.00	\$240.00	\$4,560.00				
24	STRUCTURE BACKFILL	54	\$350.00	CY	\$18,900.00	\$310.00	\$16,740.00	\$317.00	\$17,118.00				
	(BRIDGE)		*		000 400 00	0.470.00	040.700.00	0.100.00	004 570 00				
25	STRUCTURE BACKFILL (RETAINING WALL)	116	\$280.00	CY	\$32,480.00	\$170.00	\$19,720.00	\$186.00	\$21,576.00				
26	CRUSHED MISCELLANEOUS	774	\$100.00	CY	\$77,400.00	\$55.00	\$42,570.00	\$142.00	\$109,908.00				
	BASE												
27	AC PAVEMENT	1549	\$250.00	TON	\$387,250.00	\$120.00	\$185,880.00	\$219.00	\$339,231.00				
28	AC PAVEMENT(INVERTED	7	\$325.00	TON	\$2,275.00	\$1,100.00	\$7,700.00	\$711.00	\$4,977.00				
	SHOULDERS)												
29	AC PAVEMENT (DITCH)	18	\$250.00	TON	\$4,500.00	\$650.00	\$11,700.00	\$565.00	\$10,170.00				
30	RECONSTRUCT MANHOLE	1	\$5,000.00	EA	\$5,000.00	\$9,000.00	\$9,000.00	\$2,190.00	\$2,190.00				
31	STEEL TRUSS BRIDGE	1	\$1,900,000.00	LS	\$1,900,000.00	\$2,450,000.00	\$2,450,000.00	\$2,550,000.00	\$2,550,000.00				

Project ID: RDC0016378

Bids Opened: 11/26/2019

Bids Opened: 11/26/2019 Office Engineer: Chandra McLoud 626-458-3165

				Engine	eer's Estimate	(9) C. A. Rasmussen, Inc.		(10) Griffith Company					
(1) Preliminary Bid Amount				\$	5,307,240.10	9	6,327,374.30						
(2) Unit Price Detail													
<u>Item</u>	<u>Description</u>	<u>Qty</u>	Unit Price	<u>Unit</u>	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>
32	STRUCTURE CONCRETE	124	\$1,300.00	CY	\$161,200.00	\$670.00	\$83,080.00	\$655.00	\$81,220.00				
	(DECK)												
33	STRUCTURE CONCRETE	108	\$1,600.00	CY	\$172,800.00	\$710.00	\$76,680.00	\$2,626.00	\$283,608.00				
	(BRIDGE)		** 400.00	0) (457.400.00	***	004.440.00	* * * * * * * * * *	# 50.500.00				
34	STRUCTURE CONCRETE	41	\$1,400.00	CY	\$57,400.00	\$840.00	\$34,440.00	\$1,380.00	\$56,580.00				
35	(RETAINING WALL) BAR REINFORCING STEEL	33480	\$2.30	LB	\$77,004.00	\$1.30	\$43,524.00	\$1.30	\$43,524.00				
35	(DECK)	33480	φ2.30	LB	\$77,004.00	φ1.30	φ43,324.00	φ1.30	φ43,324.00				
36	BAR REINFORCING STEEL	73149	\$1.90	LB	\$138,983.10	\$0.90	\$65,834.10	\$1.20	\$87,778.80				
50	(BRIDGE)	70140	ψσσ	LD	ψ.00,0000	40.00	400,00 0	¥=0	ψο, , ο. ο ο				
37	BAR REINFORCING STEEL	10980	\$2.10	LB	\$23,058.00	\$1.00	\$10,980.00	\$1.00	\$10,980.00				
	(RETAINING WALL)												
38	CONCRETE BARRIER (TYPE	40	\$350.00	LF	\$14,000.00	\$660.00	\$26,400.00	\$1,210.00	\$48,400.00				
	742 MODIFIED)												
39	AESTHETIC TREATMENT FOR	40	\$170.00	LF	\$6,800.00	\$270.00	\$10,800.00	\$20.00	\$800.00				
	CONCRETE BARRIER												
40	RURAL CATCH BASIN	2	\$10,000.00	EA	\$20,000.00	\$13,000.00	\$26,000.00	\$8,170.00	\$16,340.00				
41	CATCH BASIN PER STD PLAN	1	\$5,000.00	EA	\$5,000.00	\$6,700.00	\$6,700.00	\$6,760.00	\$6,760.00				
42	300, W=3.5 PIPE CONNECTION PER STD	1	\$3,000.00	EA	\$3,000.00	\$2,700.00	\$2,700.00	\$1,840.00	\$1,840.00				
42	PLAN 335, CASE 3	ı	ψ3,000.00	EA	ψ5,000.00	Ψ2,700.00	Ψ2,700.00	ψ1,040.00	φ1,040.00				
43	JUNCTION STRUCTURE PER	1	\$5,000.00	EA	\$5,000.00	\$5,300.00	\$5,300.00	\$2,540.00	\$2,540.00				
40	STD PLAN 331	•	, , , , , , , , ,		, , , , , , , , ,	, -,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,	, ,				
44	MANHOLE PER STD PLAN 320	2	\$10,000.00	EA	\$20,000.00	\$11,000.00	\$22,000.00	\$7,770.00	\$15,540.00				
45	CURB DRAIN PER STD PLAN	1	\$2,000.00	EA	\$2,000.00	\$7,700.00	\$7,700.00	\$10,500.00	\$10,500.00				
	150, N=1, CASE 2 INLET												
46	HEADWALL AND WINGWALLS	4	\$2,000.00	CY	\$8,000.00	\$3,800.00	\$15,200.00	\$7,130.00	\$28,520.00				_
	(CALTRANS STD PLAN D86B)												
47	PCC CURB & GUTTER, TYPE	143	\$50.00	LF	\$7,150.00	\$70.00	\$10,010.00	\$66.00	\$9,438.00				
40	A2-8		¢4.00		#0.00	#0.00	#0.00	#0.00	#0.00				
48	- DOC MALK & DDIVEMAYO 4"	1150	\$1.00 \$8.00	LF_	\$0.00 \$9,200.00	\$0.00 \$7.00	\$0.00 \$8,050.00	\$0.00 \$18.00	\$0.00 \$20,700.00				
49	PCC WALK & DRIVEWAYS, 4" THICK	1150	φο.υυ	SF	φ9,200.00	Φ1.00	φο,υου.υυ	φ10.00	φ20,700.00				
50	PCC CURB RAMPS	4	\$500.00	CY	\$2,000.00	\$1,300.00	\$5,200.00	\$3,285.00	\$13,140.00		+		_
50	FUU UUND NAIVIFU	4	Ψ000.00	UI	ΨΣ,000.00	Ψ1,000.00	ψ0,200.00	Ψ0,200.00	ψ10,140.00				

Project ID: RDC0016378

Bids Opened: 11/26/2019

Bids Opened: 11/26/2019 Office Engineer: Chandra McLoud 626-458-3165

(1) Preliminary Bild Amount (2) Unit Price Detail Item Description Description Description THICK 168 \$12.00 SF \$2.016.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00 \$30.00					Engine	eer's Estimate	(9) C. A. Rasmussen, Inc.		(10) Griffith Company					
Internal Description	(1) Preliminary Bid Amount				\$	5,307,240.10	\$	66,327,374.30						
PCC WALK & DRIVEWAYS, 6"	(2) Un	t Price Detail												
THICK 52 DETECTABLE WARNING 53 URFACE 53 TUBULAR HAND RAILING 54 CABLE RAILING (CALTRANS 55 TUBULAR HAND RAILING 55 TUBULAR HAND RAILING 56 CABLE RAILING (CALTRANS 57 DELAN B11-51) 57 CABLE RAILING (CALTRANS 58 TIDEN AND THE STOOL OF	<u>ltem</u>	<u>Description</u>	<u>Qty</u>	Unit Price	<u>Unit</u>	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>
EDETECTABLE WARNING 30 \$55.00 \$F \$1,650.00 \$1,000.00 \$65.00 \$1,900.00 \$19,90.00 \$1,900.00 \$207.00 \$8,280.00 \$1,000.00 \$207.00 \$8,280.00 \$1,000.00 \$207.00 \$8,280.00 \$1,000.00 \$207.00 \$8,280.00 \$1,000.00 \$207.00 \$8,280.00 \$1,000.00 \$207.00 \$8,280.00 \$1,000.00 \$207.00 \$8,280.00 \$1,000.00 \$207.00 \$1,000.00 \$207.00 \$1,000.00 \$207.00 \$1,000.00 \$207.00 \$1,000.00 \$207.00 \$1,000.00 \$207.00 \$1,000.00 \$207.00 \$1,000.00 \$207.00 \$1,000.00 \$207.00 \$1,000.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00 \$207.00	51	PCC WALK & DRIVEWAYS, 6"	168	\$12.00	SF	\$2,016.00	\$30.00	\$5,040.00	\$36.00	\$6,048.00				
SURFACE 1		THICK												
Signature Text Te	52	DETECTABLE WARNING	30	\$55.00	SF	\$1,650.00	\$50.00	\$1,500.00	\$65.00	\$1,950.00				
CALTRANS STD PLAN B11-51														
SABLE RAILING (CALITRANS SO S70.00 LF \$3,500.00 \$139.00 \$6,500.00 \$9,950.00 \$9,950.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17,025.00 \$17	53		40	\$110.00	LF	\$4,400.00	\$250.00	\$10,000.00	\$207.00	\$8,280.00				
STD PLAN B11-47 STD PLAN B1														
55 RAILING	54		50	\$70.00	LF	\$3,500.00	\$130.00	\$6,500.00	\$199.00	\$9,950.00				
Section Sect				* 450.00		044.050.00	0000.00	0.45,000,00	2007.00	0.47.005.00				
STOP						1 1			•					
EXISTING GUARDRAIL (INCLUDING POSTS) 58 MDWEST GUARDRAIL SYSTEM (STEEL POST W) PLASTIC BLOCK) 59 IN-LINE TERMINAL SYSTEM (TYPE MSKT-SP-MGS) 60 RALING DELINEATION PER CALTRANS STD PLAN A77N4 61 MIDWEST GUARDRAIL SYSTEM END ANCHOR ASSEMBLY (TYPE ST) PER STD PLAN A77S1 62 TRANSITION RAILING (TYPE STD PLAN SYSTEM 2 S57,000 0 EA S1,000 0 EA S1,000 0 S5,000 0 S1,000 0 S1														
CINCLUDING POSTS S	57		151	\$40.00	LF	\$6,040.00	\$35.00	\$5,285.00	\$32.00	\$4,832.00				
MIDWEST GUARDRAIL														
SYSTEM (STEEL POST W/ PLASTIC BLOCK) SYSTEM		,	475	£400.00		¢47.500.00	¢70.00	£42.250.00	£40.00	¢0 575 00				
PLASTIC BLOCK 59 IN-LINE TERMINAL SYSTEM 4 \$7,000.00 EA \$28,000.00 \$5,500.00 \$22,000.00 \$4,490.00 \$17,960.00 \$17,960.00 \$17,960.00 \$17,960.00 \$17,960.00 \$17,960.00 \$17,960.00 \$17,960.00 \$17,960.00 \$17,960.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.	58		1/5	\$100.00	LF	\$17,500.00	\$70.00	\$12,250.00	\$49.00	\$8,575.00				
59 IN-LINE TERMINÂL SYSTEM 4 \$7,000.00 EA \$28,000.00 \$5,500.00 \$22,000.00 \$4,490.00 \$17,960.00 \$17,960.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.0														
CTYPE MSKT-SP-MGS CTYPE M			4	¢7,000,00	ΕΛ	\$28,000,00	¢5 500 00	\$33,000,00	\$4.400.00	\$17,060,00				
CALTRANS STD PLAN A77N4 STORON EA \$1,200.00 \$27.00 \$324.00 \$28.00 \$336.00	59		4	\$7,000.00	EA	\$20,000.00	\$5,500.00	\$22,000.00	\$4,490.00	\$17,960.00				
CALTRANS STD PLAN A77N4 61 MIDWEST GUARDRAIL 1 \$2,000.00 EA \$2,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000	60		10	\$100.00	ГΛ	\$1,200,00	\$27.00	\$324.00	\$28.00	\$336.00				
61 MIDWEST GUARDRAIL 1 \$2,000.00 EA \$2,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00	60		12	φ100.00	EA	\$1,200.00	φ27.00	φ324.00	φ20.00	φ330.00				
SYSTEM END ANCHOR ASSEMBLY (TYPE SFT) PER STD PLAN A77S1 62 TRANSITION RAILING (TYPE 1 \$5,000.00 EA \$5,000.00 \$5,900.00 \$7,620.00 \$7,620.00 WB) 63 CRASH CUSHION SYSTEM 2 \$57,000.00 EA \$114,000.00 \$23,000.00 \$46,000.00 \$33,500.00 \$67,000.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$74,400.00 \$2,100.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00	61		1	\$2,000,00	ΕΛ	\$2,000,00	\$1,000,00	\$1,000,00	\$1,000,00	\$1,000,00				
ASSEMBLY (TYPE SFT) PER STD PLAN A77S1 62 TRANSITION RAILING (TYPE 1 \$5,000.00 EA \$5,000.00 \$5,900.00 \$7,620.00 \$7,620.00 \$7,620.00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	01		'	Ψ2,000.00	LA	Ψ2,000.00	ψ1,000.00	Ψ1,000.00	Ψ1,000.00	ψ1,000.00				
STD PLAN A77S1 62 TRANSITION RAILING (TYPE 1 \$5,000.00 EA \$5,000.00 \$5,900.00 \$7,620.00 \$7,620.00 \$7,620.00 \$WB) 63 CRASH CUSHION SYSTEM 2 \$57,000.00 EA \$114,000.00 \$23,000.00 \$46,000.00 \$33,500.00 \$67,000.00 \$64 42" DIA CIDH PILES 340 \$1,600.00 LF \$544,000.00 \$2,100.00 \$714,000.00 \$2,160.00 \$734,400.00 \$65 18" RCP, 2000 D 124 \$300.00 LF \$37,200.00 \$240.00 \$29,760.00 \$180.00 \$22,320.00 \$66 42" RCP, 1600 D 89 \$500.00 LF \$44,500.00 \$380.00 \$33,820.00 \$322.00 \$28,658.00 \$67 DETAIL 22 (THERMOPLASTIC) 850 \$3.00 LF \$2,550.00 \$2.50 \$2,125.00 \$3.00 \$2,550.00 \$60 DETAIL 41 (THERMOPLASTIC) 40 \$2.50 LF \$100.00 \$5.00 \$200.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.908.00														
62 TRANSITION RAILING (TYPE 1 \$5,000.00 EA \$5,000.00 \$5,900.00 \$7,620.00 \$7,620.00 \$7,620.00 \$WB) 63 CRASH CUSHION SYSTEM 2 \$57,000.00 EA \$114,000.00 \$23,000.00 \$46,000.00 \$33,500.00 \$67,000.00 \$64 42" DIA CIDH PILES 340 \$1,600.00 LF \$544,000.00 \$2,100.00 \$714,000.00 \$2,160.00 \$734,400.00 \$65 18" RCP, 2000 D 124 \$300.00 LF \$37,200.00 \$240.00 \$29,760.00 \$180.00 \$22,320.00 \$66 42" RCP, 1600 D 89 \$500.00 LF \$44,500.00 \$380.00 \$33,820.00 \$322.00 \$28,658.00 \$67 DETAIL 22 (THERMOPLASTIC) 850 \$3.00 LF \$2,550.00 \$2.50 \$2,125.00 \$3.00 \$2,550.00 \$68 DETAIL 41 (THERMOPLASTIC) 40 \$2.50 LF \$100.00 \$5.00 \$200.00 \$1.50 \$1.50 \$1.50 \$1.50 \$1.50 \$1.908.00														
WB) 63 CRASH CUSHION SYSTEM 2 \$57,000.00 EA \$114,000.00 \$23,000.00 \$46,000.00 \$33,500.00 \$67,000.00 64 42" DIA CIDH PILES 340 \$1,600.00 LF \$544,000.00 \$2,100.00 \$714,000.00 \$2,160.00 \$734,400.00 65 18" RCP, 2000 D 124 \$300.00 LF \$37,200.00 \$240.00 \$29,760.00 \$180.00 \$22,320.00 66 42" RCP, 1600 D 89 \$500.00 LF \$44,500.00 \$380.00 \$33,820.00 \$322.00 \$28,658.00 67 DETAIL 22 (THERMOPLASTIC) 850 \$3.00 LF \$2,550.00 \$2.50 \$2,125.00 \$3.00 \$2,550.00 68 DETAIL 41 (THERMOPLASTIC) 40 \$2.50 LF \$100.00 \$5.00 \$200.00 \$6.00 \$240.00 69 DETAIL 27B 1060 \$2.00 LF \$2,120.00 \$1.50 \$1,590.00 \$1.80 \$1,908.00	62		1	\$5.000.00	FΔ	\$5.000.00	\$5.900.00	\$5.900.00	\$7.620.00	\$7.620.00				
63 CRASH CUSHION SYSTEM 2 \$57,000.00 EA \$114,000.00 \$23,000.00 \$46,000.00 \$33,500.00 \$67,000.00 64 42" DIA CIDH PILES 340 \$1,600.00 LF \$544,000.00 \$2,100.00 \$714,000.00 \$2,160.00 \$734,400.00 65 18" RCP, 2000 D 124 \$300.00 LF \$37,200.00 \$240.00 \$29,760.00 \$180.00 \$22,320.00 66 42" RCP, 1600 D 89 \$500.00 LF \$44,500.00 \$380.00 \$33,820.00 \$322.00 \$28,658.00 67 DETAIL 22 (THERMOPLASTIC) 850 \$3.00 LF \$2,550.00 \$2.50 \$2,125.00 \$3.00 \$2,550.00 68 DETAIL 41 (THERMOPLASTIC) 40 \$2.50 LF \$100.00 \$5.00 \$200.00 \$6.00 \$240.00 69 DETAIL 27B 1060 \$2.00 LF \$2,120.00 \$1.50 \$1,590.00 \$1.80 \$1,908.00	02			, , , , , , , , , , , , , , , , , , , ,	L/ \	, , , , , , , , , ,	, ,, , , , , , , , , , , , , , , , , , ,	, -,	, ,	, , ,				
64 42" DIA CIDH PILES 340 \$1,600.00 LF \$544,000.00 \$2,100.00 \$714,000.00 \$2,160.00 \$734,400.00 65 18" RCP, 2000 D 124 \$300.00 LF \$37,200.00 \$240.00 \$29,760.00 \$180.00 \$22,320.00 66 42" RCP, 1600 D 89 \$500.00 LF \$44,500.00 \$380.00 \$33,820.00 \$322.00 \$28,658.00 67 DETAIL 22 (THERMOPLASTIC) 850 \$3.00 LF \$2,550.00 \$2.50 \$2,125.00 \$3.00 \$2,550.00 68 DETAIL 41 (THERMOPLASTIC) 40 \$2.50 LF \$100.00 \$5.00 \$200.00 \$6.00 \$240.00 69 DETAIL 27B 1060 \$2.00 LF \$2,120.00 \$1.50 \$1,590.00 \$1.80 \$1,908.00	63		2	\$57,000.00	FA	\$114,000.00	\$23,000.00	\$46,000.00	\$33,500.00	\$67,000.00				
65 18" RCP, 2000 D 124 \$300.00 LF \$37,200.00 \$240.00 \$29,760.00 \$180.00 \$22,320.00 66 42" RCP, 1600 D 89 \$500.00 LF \$44,500.00 \$380.00 \$33,820.00 \$322.00 \$28,658.00 67 DETAIL 22 (THERMOPLASTIC) 850 \$3.00 LF \$2,550.00 \$2.50 \$2,125.00 \$3.00 \$2,550.00 68 DETAIL 41 (THERMOPLASTIC) 40 \$2.50 LF \$100.00 \$5.00 \$200.00 \$6.00 \$240.00 69 DETAIL 27B 1060 \$2.00 LF \$2,120.00 \$1.50 \$1,590.00 \$1.80 \$1,908.00			340			\$544,000.00	\$2,100.00	\$714,000.00	\$2,160.00	\$734,400.00				
66 42" RCP, 1600 D 89 \$500.00 LF \$44,500.00 \$380.00 \$33,820.00 \$322.00 \$28,658.00 67 DETAIL 22 (THERMOPLASTIC) 850 \$3.00 LF \$2,550.00 \$2,125.00 \$3.00 \$2,550.00 68 DETAIL 41 (THERMOPLASTIC) 40 \$2.50 LF \$100.00 \$5.00 \$200.00 \$6.00 \$240.00 69 DETAIL 27B 1060 \$2.00 LF \$2,120.00 \$1.50 \$1,590.00 \$1.80 \$1,908.00						\$37,200.00	\$240.00	\$29,760.00	\$180.00	\$22,320.00				
67 DETAIL 22 (THERMOPLASTIC) 850 \$3.00 LF \$2,550.00 \$2.50 \$2,125.00 \$3.00 \$2,550.00 68 DETAIL 41 (THERMOPLASTIC) 40 \$2.50 LF \$100.00 \$5.00 \$200.00 \$6.00 \$240.00 69 DETAIL 27B 1060 \$2.00 LF \$2,120.00 \$1.50 \$1,590.00 \$1.80 \$1,908.00		· · · · · · · · · · · · · · · · · · ·		\$500.00		\$44,500.00	\$380.00	\$33,820.00	\$322.00	\$28,658.00				
68 DETAIL 41 (THERMOPLASTIC) 40 \$2.50 LF \$100.00 \$5.00 \$200.00 \$6.00 \$240.00 69 DETAIL 27B 1060 \$2.00 LF \$2,120.00 \$1.50 \$1,590.00 \$1.80 \$1,908.00		,		\$3.00		\$2,550.00	\$2.50	\$2,125.00	\$3.00	\$2,550.00				
69 DETAIL 27B 1060 \$2.00 LF \$2,120.00 \$1.50 \$1,590.00 \$1.80 \$1,908.00				\$2.50		\$100.00	\$5.00	\$200.00	\$6.00	\$240.00				
		,		\$2.00		\$2,120.00	\$1.50	\$1,590.00	\$1.80	\$1,908.00				
		(THERMOPLASTIC)												

Project ID: RDC0016378

Bids Opened: 11/26/2019

Bids Opened: 11/26/2019 Office Engineer: Chandra McLoud 626-458-3165

				Engine	eer's Estimate	(9) C. A. Rasmussen, Inc.		(10) Griffith Company					
(1) Preliminary Bid Amount				\$	5,307,240.10	9	6,327,374.30						
(2) Un	t Price Detail												
<u>Ìtem</u>	<u>Description</u>	<u>Qty</u>	Unit Price	<u>Unit</u>	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>	Unit Price	<u>Amount</u>
70	6" WHITE CHEVRON STRIPING	360	\$3.00	LF	\$1,080.00	\$2.00	\$720.00	\$2.30	\$828.00				
	(THERMOPLASTIC)												
71	12" STRIPING	40	\$3.50	LF	\$140.00	\$70.50	\$2,820.00	\$9.00	\$360.00				
	(THERMOPLASTIC)												
72	PAVEMENT MARKINGS	194	\$10.00	SF	\$1,940.00	\$7.50	\$1,455.00	\$9.00	\$1,746.00				
	(THERMOPLASTIC)												
73	REMOVE DETAIL 22	610	\$3.50	LF	\$2,135.00	\$3.00	\$1,830.00	\$3.50	\$2,135.00				
	(THERMOPLASTIC)												
74	REMOVE DETAIL 38	60	\$3.00	LF	\$180.00	\$3.00	\$180.00	\$3.50	\$210.00				
	(THERMOPLASTIC)		#0.00		#40F 00	#0.00	0405.00	#0.50	0400.50				
75	REMOVE DETAIL 41	55	\$3.00	LF	\$165.00	\$3.00	\$165.00	\$3.50	\$192.50				
76	(THERMOPLASTIC)	550	\$2.75	LF	\$1,512.50	\$3.00	\$1,650.00	\$3.50	\$1,925.00				
76	REMOVE DETAIL 27B	550	\$2.75	LF	\$1,512.50	\$3.00	\$1,050.00	\$3.50	\$1,925.00				
77	(THERMOPLASTIC) REMOVE 12" WHITE LINE	100	\$3.50	LF	\$350.00	\$3.00	\$300.00	\$3.50	\$350.00				
//	(THERMOPLASTIC)	100	φ3.30	LF	φ330.00	φ3.00	φ300.00	φ3.30	φ330.00				
78	REMOVE PAVEMENT	660	\$7.00	SF	\$4,620.00	\$3.80	\$2,508.00	\$4.50	\$2,970.00				
70	MARKINGS (THERMOPLASTIC)	000	Ψ1.00	SF	ψ4,020.00	ψ5.00	Ψ2,500.00	Ψ+.50	Ψ2,570.00				
79	SIGN POST (ROADSIDE SIGN)	6	\$225.00	EA	\$1,350.00	\$250.00	\$1,500.00	\$300.00	\$1,800.00				
80	SIGN PANEL	17	\$150.00	EA	\$2,550.00	\$150.00	\$2,550.00	\$187.00	\$3,179.00				
81	RELOCATE SIGN	3	\$150.00	EA	\$450.00	\$150.00	\$450.00	\$187.00	\$561.00				
82	REMOVE SIGN	52	\$100.00	EA	\$5,200.00	\$35.00	\$1,820.00	\$43.00	\$2,236.00				
83	TRAFFIC CONTROL	1	\$150,000.00	LS	\$150,000.00	\$125,000.00	\$125,000.00	\$200,000.00	\$200,000.00				
84	TEMPORARY CRASH	2	\$10,000.00	EA	\$20,000.00	\$4,100.00	\$8,200.00	\$6,070.00	\$12,140.00				
	CUSHION ARRAY	_		_, `									
85	TEMPORARY RAILING (TYPE	200	\$75.00	LF	\$15,000.00	\$75.00	\$15,000.00	\$72.00	\$14,400.00				
	K)												
86	CHANGEABLE MESSAGE SIGN	5	\$5,000.00	EA	\$25,000.00	\$4,500.00	\$22,500.00	\$12,400.00	\$62,000.00				
87	AC DIKE PER CALTRANS STD	100	\$10.00	LF	\$1,000.00	\$50.00	\$5,000.00	\$34.00	\$3,400.00				
	A87B												
88	PRECAST DRAINAGE INLET	1	\$5,000.00	EA	\$5,000.00	\$7,000.00	\$7,000.00	\$5,995.00	\$5,995.00				
	PER CALTRANS STD PLAN												
	D73B												

Project ID: RDC0016378

Bids Opened: 11/26/2019

Bids Opened: 11/26/2019

Addenda: 1
Office Engineer: Chandra McLoud 626-458-3165

Duration: 270 Day(s)

			Engin	eer's Estimate	(9) C. A. Ras	(9) C. A. Rasmussen, Inc.		(10) Griffith Company				
(1) Preliminary Bid Amount				\$5,307,240.10		\$6,327,374.30						
(2) Unit Price Detail												
<u>Item</u> <u>Description</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Unit</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>	<u>Unit Price</u>	<u>Amount</u>
89 WATER QUALITY	20000	\$1.00	AL	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00				
MONITORING STATION												
(ALLOWANCE OF \$20,000)												
Unit Price Total			\$5,234,628.60		\$	\$5,309,760.10		\$6,327,374.30				
(3) LSBE/DVBE/SE Preference Amount					\$0.00		\$0.00					
(4) LSBE/DVBE/SE Adjusted Amount					\$	5,309,760.10	\$	6,327,374.30				

Comments